

## Equine Myoglobin (MB) ELISA Kit-Sandwich

**Cat. No.:** EK8F224

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Equine Myoglobin (MB) ELISA Kit-Sandwich is designed for the quantitative determination of Equine MB in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

### Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Equine MB.
Target Species	Equine
Species Reactivity	Equine
Detection Range	0.78-50 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

### Target Information

Myoglobin is encoded by the *MB* gene in horses. Myoglobin is a protein predominantly found in the striated muscles of vertebrates. It is commonly sourced from horse heart muscle, horse skeletal muscle, and sperm whale for use as calibration standards or test compounds in various mass spectrometric methods. Unlike hemoglobin, myoglobin has a higher affinity for oxygen and does not exhibit cooperative oxygen binding.

Target/Biomarker	Equine MB
Target Synonym	myoglobin; MB; nitrite reductase MB; pseudoperoxidase MB
Gene ID	<a href="#">100054434</a>
UniProt ID	<a href="#">P68082</a>

## Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.